



Access	SPoRT > "Sensor Name" > False Color
Restrictions	Sensor Dependent If restricted, do not distribute
Resolution	15 -30 m
Latency	Data must be requested. Instrument is targetable
Provider	USGS/NASA SPoRT
Spectral Bands	Visible Near Infrared (VNIR) bands 1-3 (green, red, infrared)
Application	Tornado Track Identification. Corroboration with other datasets recommended

How is this image generated?

- The false color image product is generated by assigning each of the VNIR bands (Near IR/Red/Green) to the Red, Green, Blue (RGB) channels of the composite output to create results similar to a color infrared photo.

What should I be looking for in this product?

- Tornado track will show up as an aqua (blue/green) or brown/gray linear feature, depending on the input imagery.

What are the product limitations?

- For ASTER: Data has to be requested by Regional headquarters so the instrument can be targeted, resulting in limited availability of the dataset.
- For SPOT: Data is provided through USGS and will have limited availability. **Restricted, Do not distribute.**
- Swath width of product is 60 km. In the case of long track tornados, imagery of the full track may not be available or delayed.
- Cloud cover can obscure track information and can cause false indications of change in the composite imagery.
- Damage associated with weaker tornados may not be as easily detectable, making track identification challenging.